

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>Applicant(s):</b>	Raul Curbelo	<b>Examiner:</b>	Unassigned
<b>Serial No:</b>	Unassigned	<b>Art Unit:</b>	Unassigned
<b>Filed:</b>	Herewith	<b>Docket:</b>	15608
<b>For:</b>	CORRECTION FOR NON-LINEARTIES IN FTIR PHOTO DETECTORS	<b>Dated:</b>	July 24, 2003

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. Schindler R.A., "Correcting for Nonlinearity in a Photodetector", *NASA Tech Briefs* 10(2), Item 52 (1986);
2. United States Patent No. 4,682,022, dated July 21, 1987;
3. United States Patent No. 4,927,269, dated May 22, 1990;
4. United States Patent No. 5,262,635, dated November 16, 1993;

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

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I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents/Box 1450, Alexandria, VA 22313-1450 on July 24, 2003.

Dated: July 24, 2003

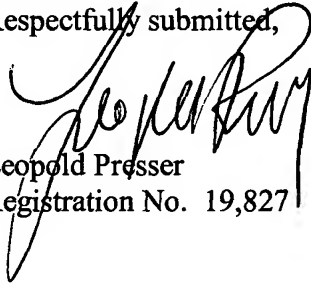
  
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Leopold Presser

5. Zhang Z.M. et al., "Absolute Detector Calibration Applied to Nonlinearity Error Correction in FT-IR Measurements", *Applied Spectroscopy* 51(4):576-579 (1997);
6. Rahmelow K., "Electronic Influences on an Infrared Detector Signal: Nonlinearity and Amplification", *Applied Optics* 36(10):2123-2132 (1997); and
7. Palchetti L. et al., "Assessment of Detector Nonlinearity in Fourier Transform Spectroscopy", *Applied Spectroscopy* 56(2):271-274 (2002).

Applicant is submitting copies of the above-cited references.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,



Leopold Presser  
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LP:dg

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE  <b>LIST OF PRIOR ART CITED BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>				<b>Atty. Docket No. (Optional)</b>  15608		<b>Application Number</b>  Unassigned	
				<b>Applicant(s)</b> Raul Curbelo			
				<b>Filing Date</b> Herewith		<b>Group Art Unit</b> Unassigned	
<b>U.S. PATENT DOCUMENTS</b>							
<b>EXAMINER INITIAL*</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>FILING DATE (if appropriate)</b>
	AA	4,682,022	7/21/87	Hoult et al.			
	AB	4,927,269	5/22/90	Keens et al.			
	AC	5,262,635	11/16/93	Curbelo			
	AD						
	AE						
<b>FOREIGN PATENT DOCUMENTS</b>							
	<b>REF</b>	<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>COUNTRY</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>TRANSLATION</b>
							YES      NO
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
		Schindler R.A., "Correcting for Nonlinearity in a Photodetector", <i>NASA Tech Briefs</i> 10(2), Item 52 (1986)					
		Zhang Z.M. et al., "Absolute Detector Calibration Applied to Nonlinearity Error Correction in FT-IR Measurements", <i>Applied Spectroscopy</i> 51(4):576-579 (1997)					
		Rahmelow K., "Electronic Influences on an Infrared Detector Signal: Nonlinearity and Amplification", <i>Applied Optics</i> 36(10):2123-2132 (1997)					
		Palchetti L. et al., "Assessment of Detector Nonlinearity in Fourier Transform Spectroscopy", <i>Applied Spectroscopy</i> 56(2):271-274 (2002)					
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							